

**NATIONAL PHASE  
UTILITY APPLICATION**  
**Transmittal to the (DO/EO/US)**  
**Under 35 USC 371**

Attorney Docket No.: GENOM.071NP  
First Named Inventor: Mario Leclerc **10/559098**  
Int'l Application No.: PCT/CA2004/000824  
Int'l Filing Date: June 03, 2004  
Priority Date Claimed: June 03, 2003  
Title: OPTICAL SENSORS BASED ON HYBRID  
APTAMER/CONJUGATED POLYMER COMPLEXES  
Express Mail Label No.: EV 465 551 635 US

**Direct all correspondence to Customer No.: 20995**

Date: December 1, 2005  
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United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

1. Mario Leclerc
2. Hoang-Anh Ho
3. Maurice Boissinot

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
  - (X) PCT/IB/308 enclosed.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 6 pages.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing 7 references.
  - (X) Enclosing 6 references.
- (X) A copy of International Search Report (PCT/ISA/210) in 5 pages.
- (X) Return prepaid postcard.

10/559098

IAP16 Rec'd 01 DEC 2005

<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: GENOM.071NP First Named Inventor: Mario Leclerc Int'l Application No.: PCT/CA2004/000824 Int'l Filing Date: June 03, 2004 Priority Date Claimed: June 03, 2003 Title: OPTICAL SENSORS BASED ON HYBRID APTAMER/CONJUGATED POLYMER COMPLEXES Express Mail Label No.: EV 465 551 635 US
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 Date: December 1, 2005  
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**FILING FEES:**

The present application qualifies for Small Entity Status under 37 CFR 1.27.

FEE CALCULATION				
FEE TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2640 (\$0)		\$200
(2) USPTO was the ISA (noncompliant claims)		2641 (\$50)		
(3) Foreign Search Report Enclosed		2642 (\$200)		
(4) No Search Report Enclosed		2632 (\$250)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2643 (\$0)		\$100
(2) Non US IPEA or Noncompliant Claims		2633 (\$100)		
Excess Claims	30 - 20 = 10	2615 (\$25)	10 x 25 =	\$250
Excess Ind. Claims	3 - 3 = 0	2614 (\$100)	0 x 100 =	\$0
Multiple Dep. Claim		2616 (\$180)		\$0
			<b>TOTAL FEE DUE</b>	<b>\$700</b>
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>				<b>\$700</b>

(X) A check in the amount of \$700 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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**IAP16 RECEIVED PTO 01 DEC 2005****Ned A. Israelson**MAIL STOP PCT  
Commissioner for Patents  
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Alexandria, VA 22313-1450**SUBMISSION BY "EXPRESS MAIL"**

**Attorney Docket No.** : GENOM.071NP

**Applicant(s)** : Leclerc et al.

**For** : OPTICAL SENSORS BASED ON HYBRID  
APTAMER/CONJUGATED POLYMER  
COMPLEXES

**Attorney** : Ned A. Israelson

**"Express Mail" Label No.** : EV 465 551 635 US

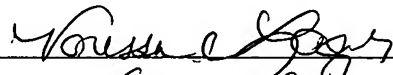
**Date of Deposit** : December 1, 2005

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; preliminary amendment in 6 pages; Copy of PCT/IB/308 in 1 page; Copy of International Search Report in 5 pages; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent listing 7 references, enclosing 6 references; Check(s) for Filing Fee(s); Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.

  
Name: Vanessa C. Ranger  
Docketing Agent

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